

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
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EFS ID: 14416  
Application ID: 10063181  
Title of Invention: METHODS AND APPARATUS FOR  
PROVIDING SIGNAL DEPENDENT  
OFFSET AND GAIN ADJUSTMENTS  
FOR A SOLID STATE X-RAY  
DETECTOR  
First Named Inventor: Scott Petrick  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-03-28  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 121713  
Digital Certificate Holder: cn=George F. Wheeler, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: GsG+5dPtNv2UT3h7gVisJQ==  
Total Fees Authorized: \$924.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 130017  
Deposit Account Name: Dean D. Small



# TRANSMITTAL FORM

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Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

121713



## METHODS AND APPARATUS FOR PROVIDING SIGNAL DEPENDENT OFFSET AND GAIN ADJUSTMENTS FOR A SOLID STATE X-RAY DETECTOR

First Named Inventor: Scott William Petrick

### SUBMITTED BY

Name: Dean D. Small Esq.  
Registration Number: 34,730  
Electronic Signature Mark: /dds Date Signed: 20020328

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration

Declaration1.tif

declaration	Declaration2.tif
declaration	Declaration3.tif
declaration	Declaration4.tif
declaration	Declaration5.tif
declaration	Declaration6.tif
fee-transmittal	13524fee.xml
patent-assignments	13524asgn.xml
bibb-transmittal	13524apds.xml
specification	specification.xml

Attached Image File(s):

Declaration1.tif

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COMPONENT	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381
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**COMBINED DECLARATION AND  
POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHODS AND APPARATUS FOR PROVIDING SIGNAL DEPENDENT OFFSET  
AND GAIN ADJUSTMENTS FOR A SOLID STATE X-RAY DETECTOR**

the specification of which:

☒ X is attached hereto.

\* was filed on ~ as United States Application Number or PCT International Application Number ~ and was amended on ~.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information which I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below. I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Is Priority Claimed?</u>
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

<u>Application Number</u>	<u>Filing Date</u>
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.   Filing Date   Patented, Pending, or Abandoned?

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Christian G. Cabou	Reg. No. 35,467
Phyllis Y. Price	Reg. No. 34,234
Peter J. Vogel	Reg. No. 41,363
Michael A. Della Penna	Reg. No. 45,697
Ronald E. Myrick	Reg. No. 26,315
Henry J. Policinski	Reg. No. 26,621
Jay L. Chaskin	Reg. No. 24,030
John F. Beninati	Reg. No. 40,510
Carl B. Horton	Reg. No. 34,622
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Lawrence M. Jarvis	Reg. No. 27,341
Gregory J. Vogler	Reg. No. 31,313
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Herbert D. Hart III	Reg. No. 30,063
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Thomas J. Wimbiscus	Reg. No. 36,059
Steven J. Hampton	Reg. No. 33,707
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Patrick J. Arnold Jr.	Reg. No. 37,769
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Janet M. McNicholas	Reg. No. 32,918
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any

patent issued thereon.

This declaration names 4 inventor(s) below.

Information about sole or first inventor:

(given name, family name): Scott William Petrick  
Residence: N77 W24677 Century Court  
Sussex, WI

Citizenship: United States  
Post Office Address: Same

First inventor's signature: Scott Wm. Petrick

Date Signed: March 12, 2002

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Information about second joint inventor:

(given name, family name): Rowland Frederick Saunders  
Residence: W309 N5518 Windrise Circle  
Hartland, WI

Citizenship: United States  
Post Office Address: Same

Second inventor's signature: Rowland Frederick Saunders

Date Signed: March 12, 2002

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Information about third joint inventor:

(given name, family name): Richard Gordon Cronce  
Residence: 5780 South Timberline Road  
New Berlin, WI

Citizenship: United States  
Post Office Address: Same



Third inventor's signature: Richard Gordon Crane

Date Signed: 22-MARCH-2002

---

Information about fourth joint inventor:

(given name, family name): Jeffrey Alan Kautzer  
Residence: W283 N3920 Yorkshire Terrace  
Pewaukee, WI

Citizenship: United States  
Post Office Address: Same

Fourth inventor's signature: \_\_\_\_\_

Date Signed: \_\_\_\_\_

---

Third inventor's signature: \_\_\_\_\_

Date Signed: \_\_\_\_\_

---

Information about fourth joint inventor:

(given name, family name): Jeffrey Alan Kautzer  
Residence: W283 N3920 Yorkshire Terrace  
Pewaukee, WI

Citizenship: United States  
Post Office Address: Same

Fourth inventor's signature: Jeffrey Alan Kautzer  
Date Signed: MARCH 12, 2002

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# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

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**TOTAL FEES AUTHORIZED: \$ 924**

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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

**SUBMITTED BY**

Authorized Name: Dean D. Small

Electronic Signature Mark: /dds

Date Signed: 20020312

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 28	103	\$ 18	8	\$ 144
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 144

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40